

Title (en)
METHOD OF CONTROLLING COMBUSTION IN OXYGEN COMBUSTION BOILER AND APPARATUS THEREFOR

Title (de)
VERFAHREN ZUR STEUERUNG VON VERBRENNUNG IN EINEM SAUERSTOFFVERBRENNUNGSKESSEL UND VORRICHTUNG DAFÜR

Title (fr)
PROCÉDÉ DE RÉGULATION DE LA COMBUSTION DANS UNE CHAUDIÈRE DE COMBUSTION D'OXYGÈNE ET APPAREIL ASSOCIÉ

Publication
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Application
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Priority
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Abstract (en)
[origin: EP2267366A1] A method and an apparatus of controlling combustion in an oxyfuel combustion boiler are provided which ensure a sufficient furnace heat absorption through prevention of lowering of flame temperature, enabling oxyfuel combustion operations to be performed in a stable manner. A boiler-brought-in oxygen density which is an oxygen density for a total amount of gases introduced into a coal burning boiler is calculated and a flow rate of total recirculating gases is controlled such that the boiler-brought-in oxygen density falls within a predetermined range.

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Citation (search report)

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JP WO2009110035 A1 20110714; KR 101249713 B1 20130405; KR 20100120707 A 20101116; PL 2267366 T3 20151130;
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